

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002590.D
 Acq On : 31 Aug 2015 13:55
 Operator : UM/IZ
 Sample : G3455-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E64

Quant Time: Sep 01 01:41:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 01:38:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	123154	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	483211	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	206717	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	374915	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	379208	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	397020	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	622656	29.46	ng/ul	0.00
10) Fluorene-d10	16.34	176	386600	26.04	ng/ul	0.00
14) Anthracene-d10	18.18	188	536399	29.66	ng/ul	0.00
18) Pyrene-d10	20.40	212	532596	31.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.63	264	632270	30.32	ng/ul	0.00

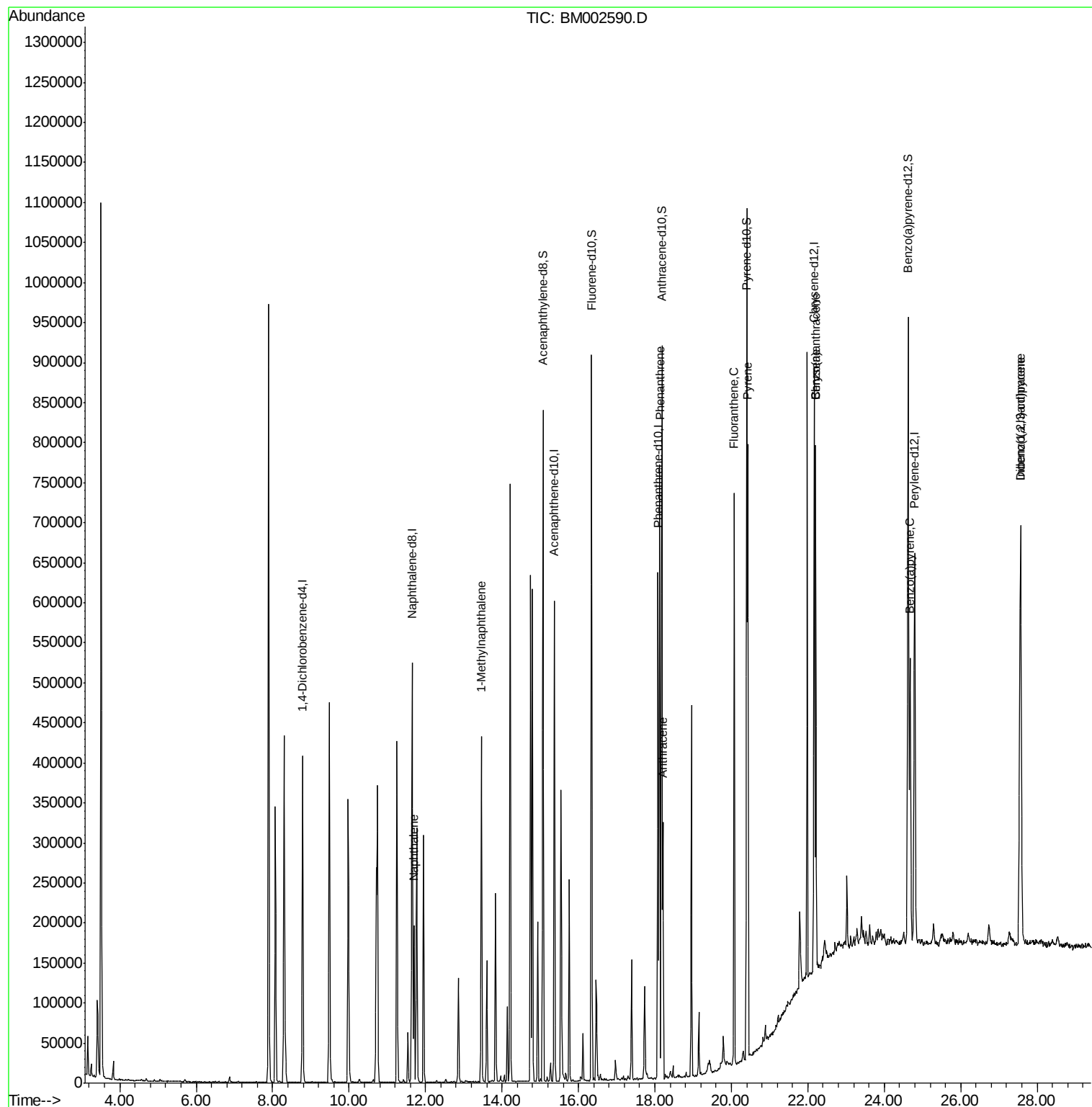
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.70	128	181128	7.34	ng/ul	99
5) 1-Methylnaphthalene	13.46	142	214174	11.72	ng/ul	99
13) Phenanthrene	18.12	178	486122	22.45	ng/ul	99
15) Anthracene	18.21	178	206049	9.39	ng/ul	100
16) Fluoranthene	20.07	202	415622	16.96	ng/ul	97
19) Pyrene	20.43	202	443846	19.98	ng/ul	98
20) Benzo(a)anthracene	22.20	228	340540	15.02	ng/ul	97
21) Chrysene	22.20	228	340540	16.06	ng/ul	99
26) Benzo(a)pyrene	24.68	252	291369	12.71	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.57	276	445344	16.89	ng/ul	97
28) Dibenzo(a,h)anthracene	27.57	278	236910	10.75	ng/ul	98

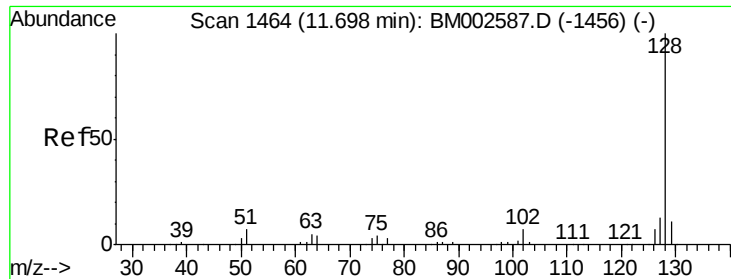
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.34 ng/ul

RT: 11.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

Instrument :

BNA_M

ClientSampleId :

D9E64

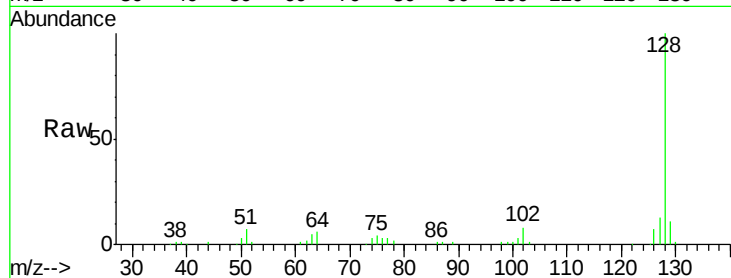
Tgt Ion:128 Resp: 181128

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

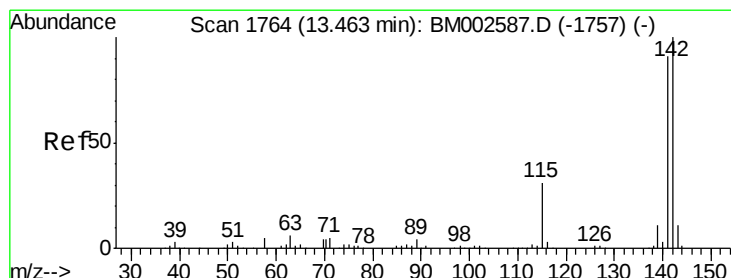
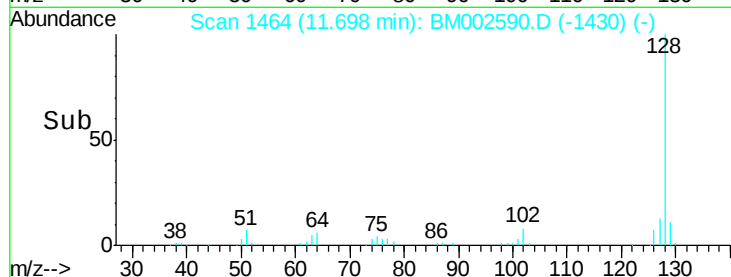
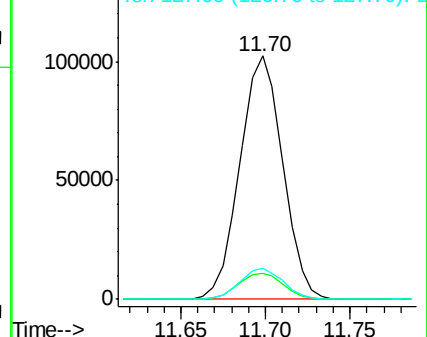
127 12.6 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

1-Methylnaphthalene

Concen: 11.72 ng/ul

RT: 13.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

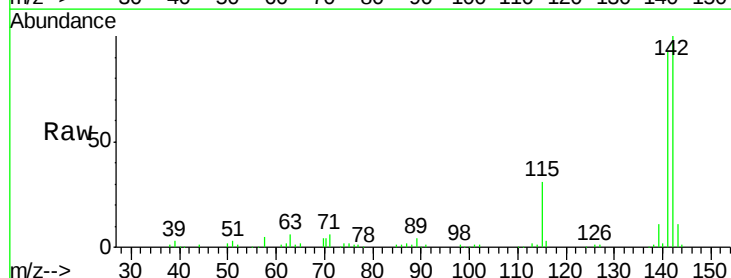
Tgt Ion:142 Resp: 214174

Ion Ratio Lower Upper

142 100

141 93.3 73.9 110.9

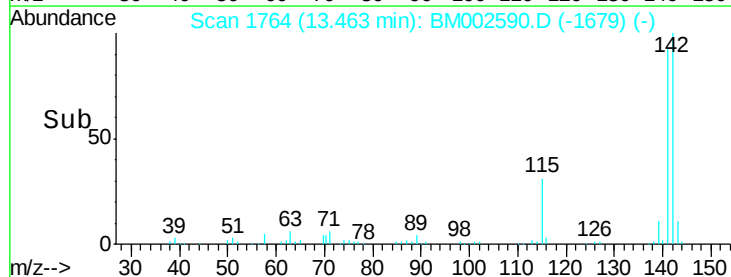
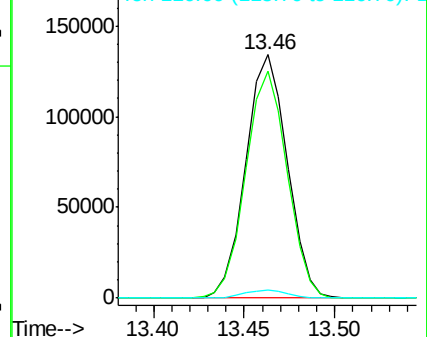
116 3.4 3.0 4.4

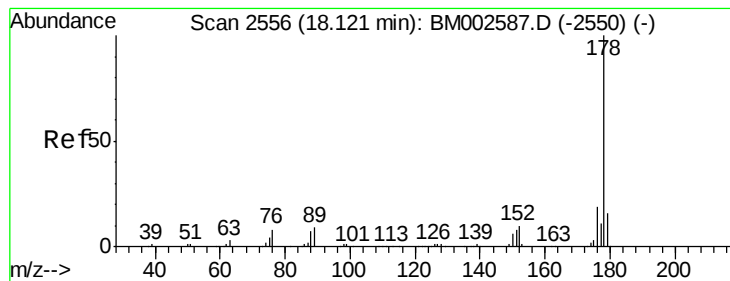


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#13

Phenanthrene

Concen: 22.45 ng/ul

RT: 18.12 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

Instrument :

BNA_M

ClientSampleId :

D9E64

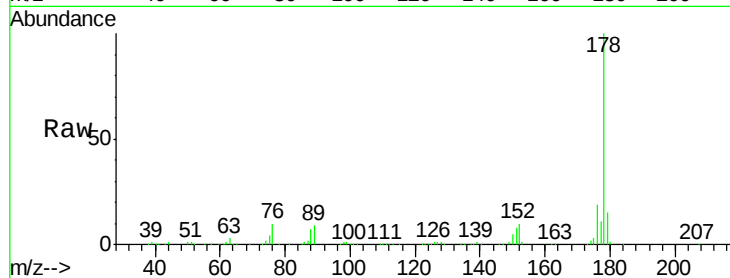
Tgt Ion:178 Resp: 486122

Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

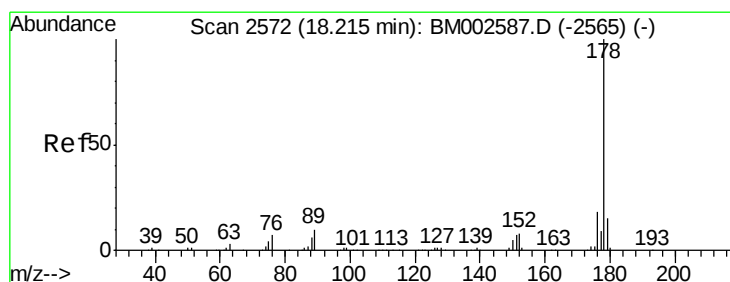
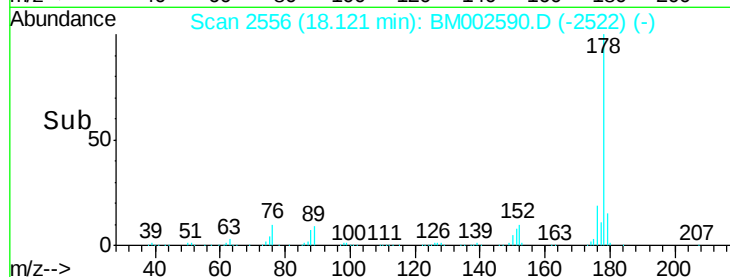
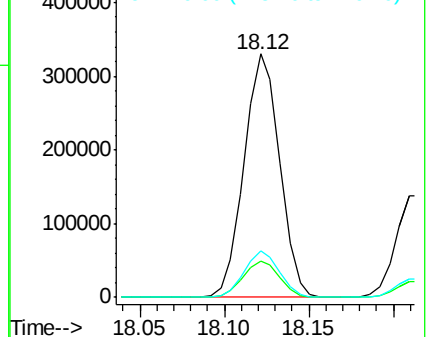
176 19.0 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Anthracene

Concen: 9.39 ng/ul

RT: 18.21 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

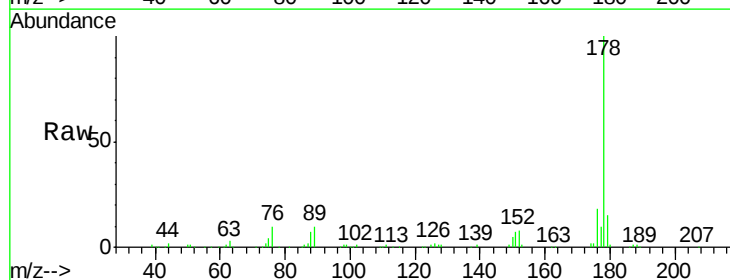
Tgt Ion:178 Resp: 206049

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

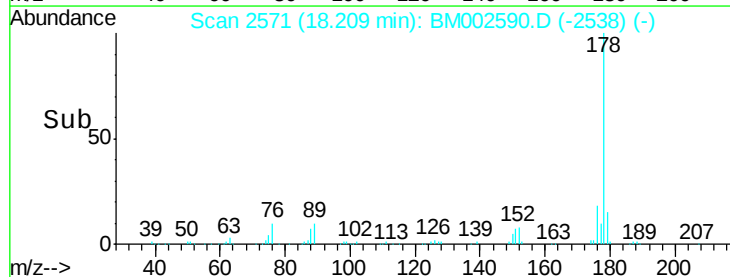
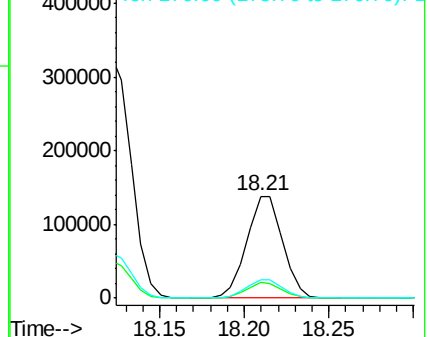
176 18.1 14.5 21.7

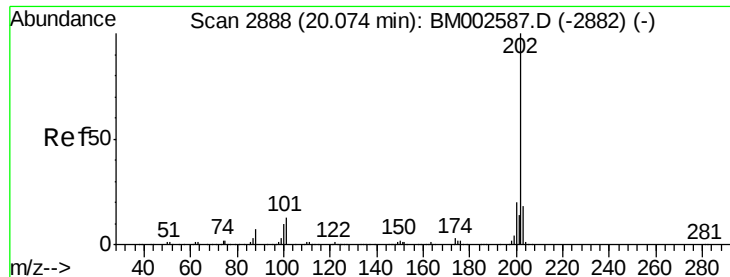


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 16.96 ng/ul

RT: 20.07 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

Instrument :

BNA_M

ClientSampleId :

D9E64

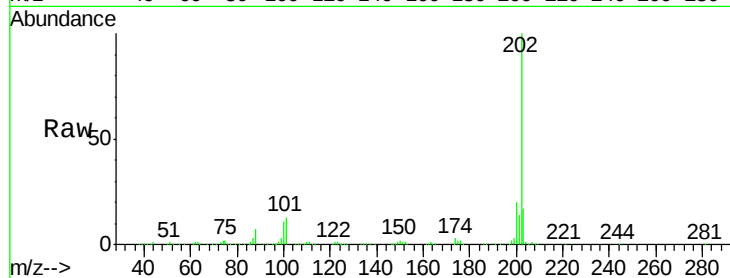
Tgt Ion:202 Resp: 415622

Ion Ratio Lower Upper

202 100

101 13.2 9.7 14.5

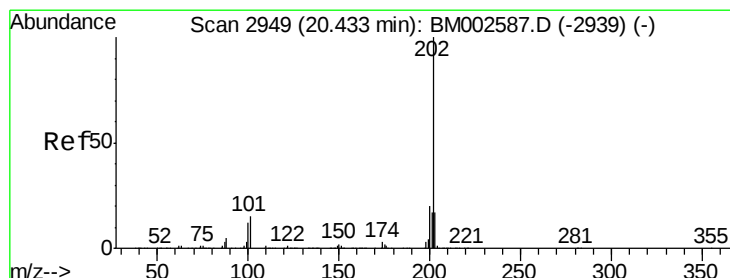
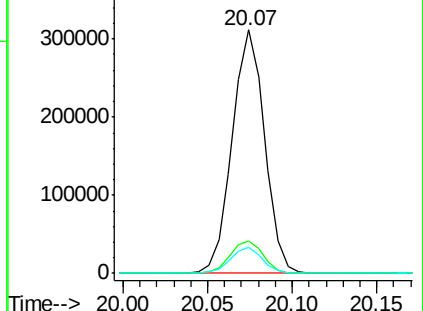
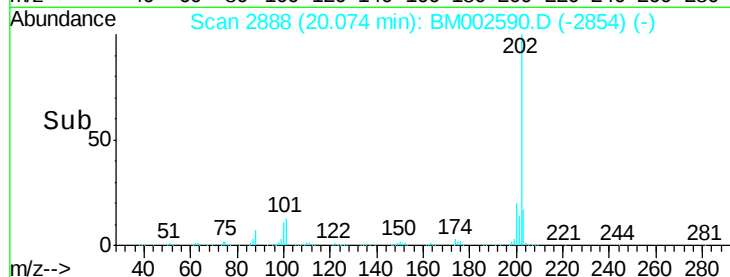
100 10.5 7.4 11.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#19

Pyrene

Concen: 19.98 ng/ul

RT: 20.43 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

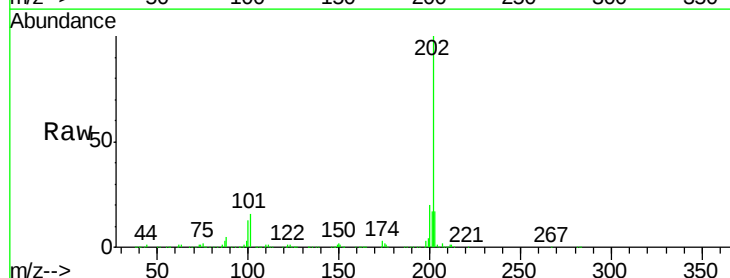
Tgt Ion:202 Resp: 443846

Ion Ratio Lower Upper

202 100

101 15.7 12.0 18.0

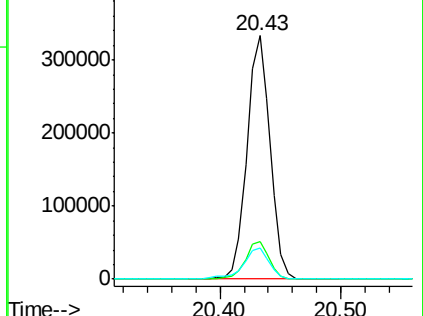
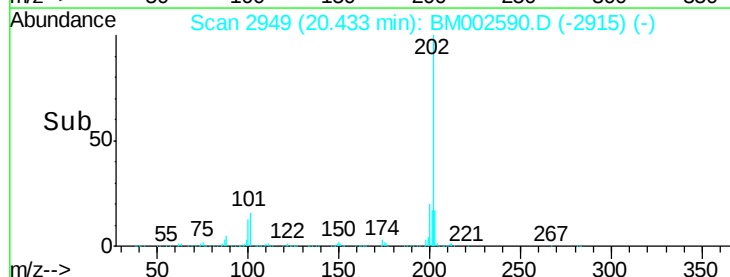
100 12.7 9.7 14.5

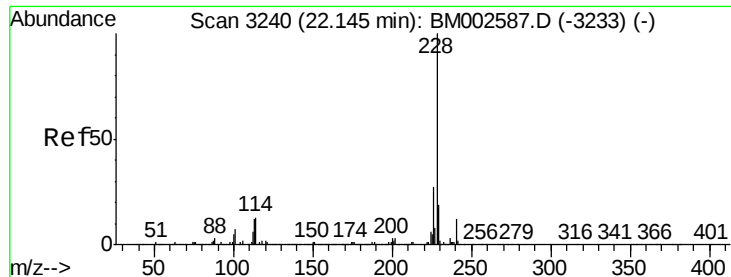


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 15.02 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. 0.06 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

Instrument :

BNA_M

ClientSampleId :

D9E64

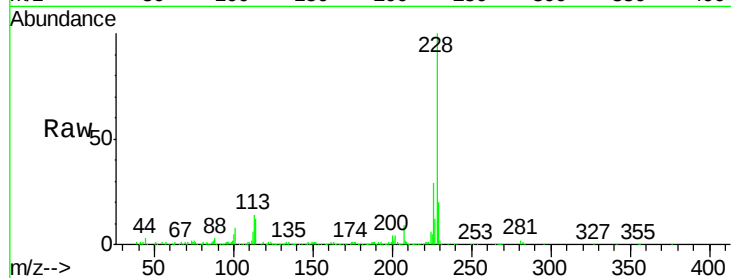
Tgt Ion:228 Resp: 340540

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

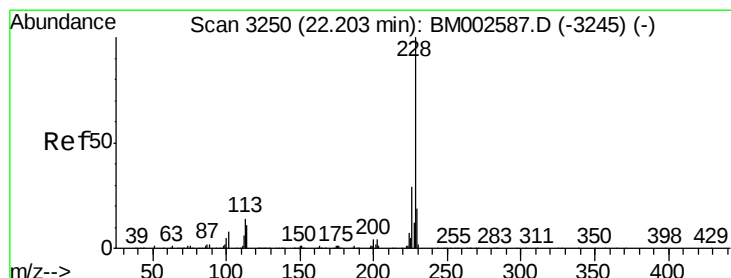
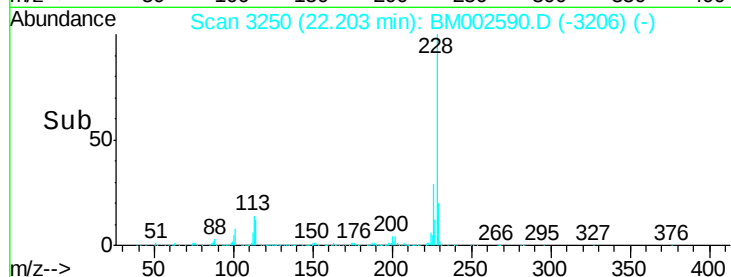
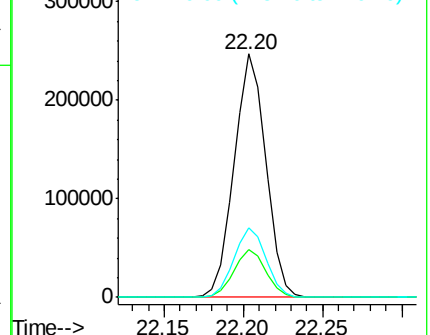
226 28.7 21.1 31.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#21

Chrysene

Concen: 16.06 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

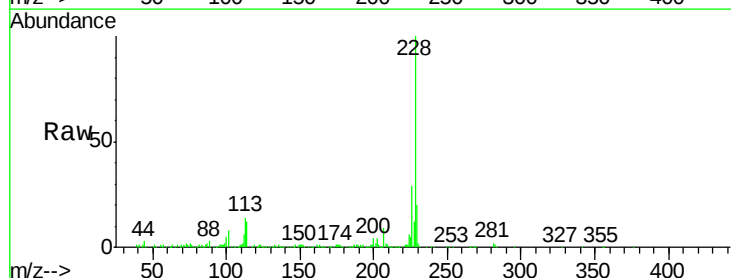
Tgt Ion:228 Resp: 340540

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

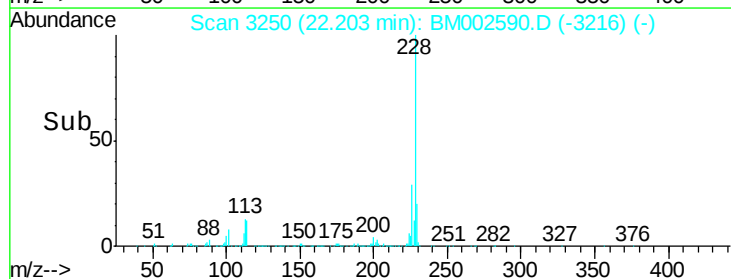
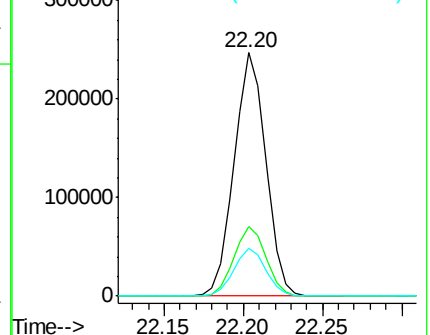
229 19.9 15.7 23.5

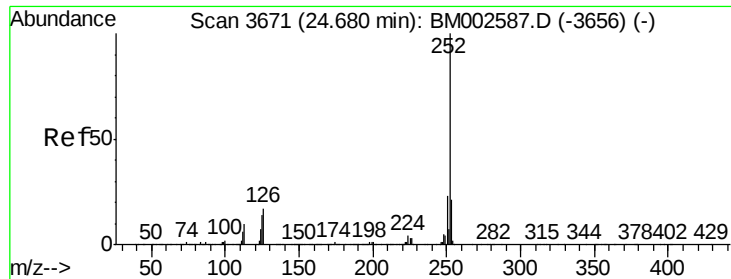


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#26

Benzo(a)pyrene

Concen: 12.71 ng/ul

RT: 24.68 min Scan# 3671

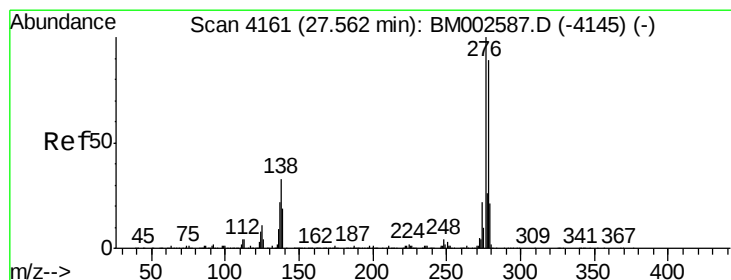
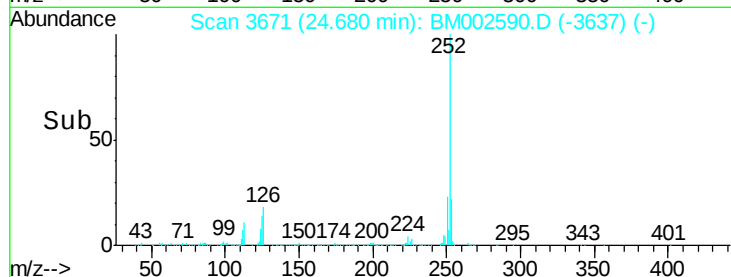
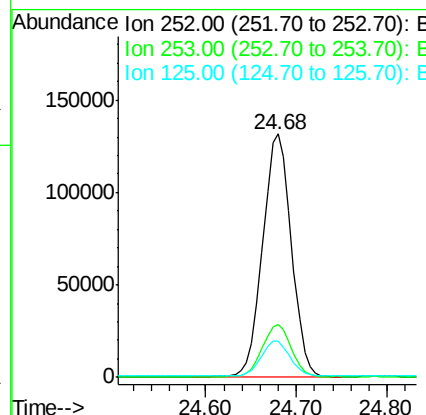
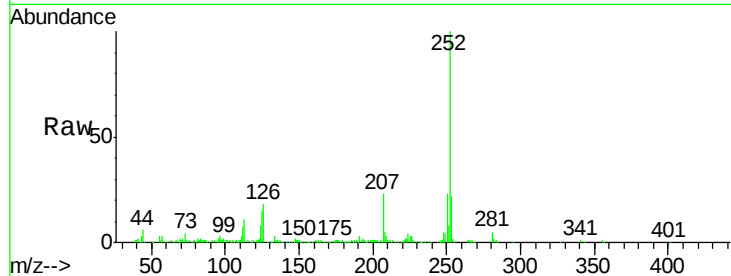
Delta R.T. -0.00 min

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	14.6	10.7	16.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 16.89 ng/ul

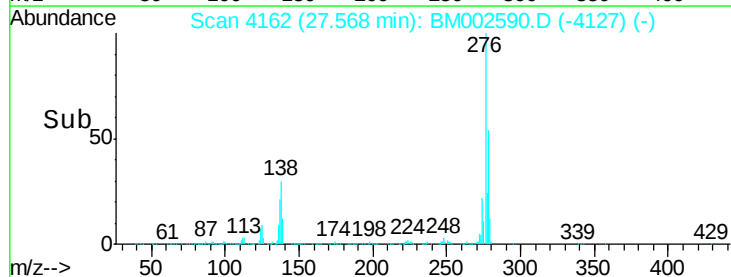
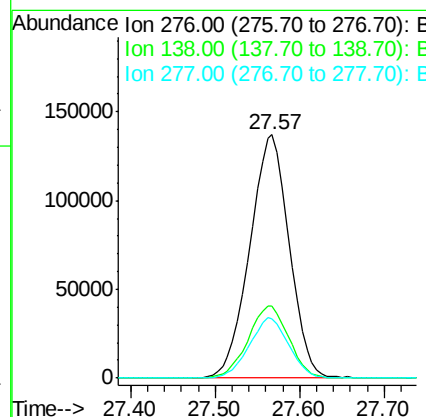
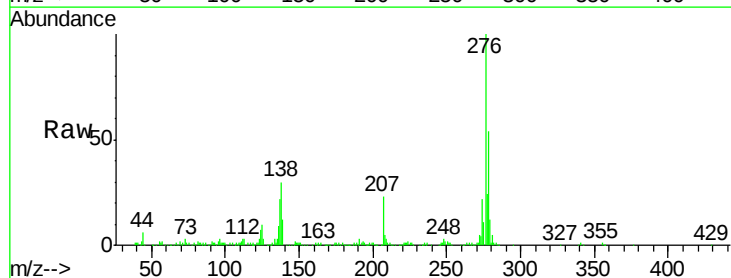
RT: 27.57 min Scan# 4162

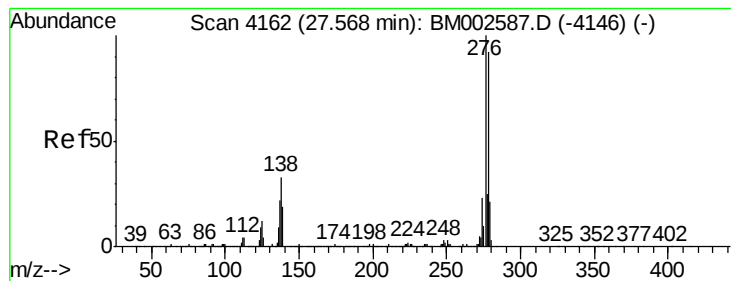
Delta R.T. 0.01 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.3	37.9
277	24.3	20.2	30.2





#28

Dibenzo(a,h)anthracene

Concen: 10.75 ng/ul

RT: 27.57 min Scan# 4162

Delta R.T. -0.00 min

Lab File: BM002590.D

Acq: 31 Aug 2015 13:55

Instrument :

BNA_M

ClientSampleId :

D9E64

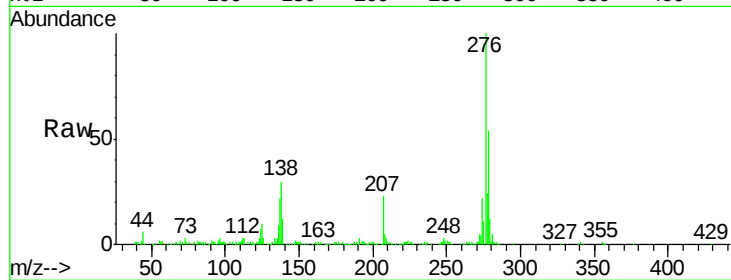
Tgt Ion: 278 Resp: 236910

Ion Ratio Lower Upper

278 100

139 21.8 16.5 24.7

279 23.2 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

